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## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## LISTING OF CLAIMS:

1. (original): A device for improving the following of surface undulations by an agricultural implement coupled to a tractor on a three-point lift system which comprises, in the bottom portion, two arms (7) articulated on a shaft (8) connected to the tractor for the coupling of two lateral bottom points (10) of the implement, and in the top portion at least one third point link element (11) between the tractor and the implement, the arms (7) being controlled by lifting means (M) and the third point link element (11) having an effective length which may vary, the device comprising a means responsive to the angular position of at least one arm, provided to act on the position of at least one of the three implement coupling points (10, 12) relative to the tractor, and a means responsive to the length of the third point link element (11), the assembly being suitable for providing an aggregate signal which serves to control the lifting means (M),

characterized in that the responsive means (S) comprises at least a first transducer (T1) associated with an arm (7) to deliver an electric signal dependent on the angular

position of that arm, and at least one second transducer (T2) responsive to the length of the third point link element (11) to deliver an electric signal dependent on that length, in that an electric circuit (C) is provided with the transducers (T1, T2) connected in parallel between a power supply terminal (22) and ground, and the signal resulting from the mixing of the signals of the transducers (T1, T2) is sent to an input terminal (29) of a comparator (28), of which another input terminal (30) is connected to ground, the comparator (28) delivering the control signal at its output.

- 2. (original) The device as claimed in claim 1, characterized in that the mixing of signals of the transducers is obtained by a parallel connection of the outputs (23, 23') of the transducers to the input terminal (29) of the comparator (28).
- 3. (original) The device as claimed in claim 1, characterized in that the mixing of signals of the transducers is obtained with an electronic mixer circuit (E), the outputs (23, 23') of the transducers being connected respectively to two input terminals of this electronic mixer circuit (E) which may cause the gains of the signals originating from the outputs (23, 23') to vary one with the other.

- 4. (original) The device as claimed in claim 3, characterized in that the mixer circuit (E) comprises a means of adjustment (K) of the modulation introduced by the circuit, in particular to take account of the length of the coupled implement (3), and of the distance between the lateral bottom points (10) and the third top point (12).
- 5. (original) The device as claimed in claim 1, characterized in that a terminal (31) of the comparator (28) is provided for entering a setpoint value either via a manual command by an operator, or via an automatic command, in particular responsive to wheel-slip.
- 6. (currently amended) The device as claimed in one of the preceding claim[[s]] 1, with lift system whose two arms (7) may have different angular movements, in particular to oscillate in opposition, in order to allow a transverse following of the surface undulations, characterized in that the responsive means (S) comprises two first transducers (Tla, Tlb), that is to say a first transducer associated with each arm (7) to deliver an electric signal dependent on the angular position of that arm.
- 7. (currently amended) The device as claimed in one of the preceding claim[[s]] 1, with lift system comprising an intermediate frame (15) with at the top two lateral coupling points (16a, 16b) and two third point cylinders (111, 211)

extending respectively between the two lateral points of the frame and the third point (13) connected to the tractor, characterized in that two second transducers (T2a, T2b) are provided, that is to say a second transducer associated respectively with each third point cylinder (111, 211), to deliver an electric signal dependent on the length of the associated third point cylinder.

- 8. (currently amended) The device as claimed in one of the preceding claim[[s]] 1, characterized in that it is coupled with a tractor wheel-slip control device (35, 36) comprising at least a third point hydraulic cylinder (11; 111, 211) fed at low pressure and transferring to constant length locked mode when the rate of wheel-slip exceeds a given limit, thus allowing the transfer of load to the tractor when the arms are commanded to lift.
- 9. (currently amended) The device as claimed in one-of the preceding claim[[s]] 1, characterized in that the transducers (T1, T1a, T1b and T2, T2a, T2b) consist of potentiometric sensors fitted with three output contact plugs (d1, d2, d23) corresponding to the two extreme points of a resistor (21) and to a cursor (23).
- 10. (original) The device as claimed in claim 9, characterized in that a connector (J1, J2) is provided to make the connection with the contact plugs, and in that cables (F1, F2)

furnished with connectors (J1, J2) at one end are connected to the circuit (C).

- 11. (currently amended) The device as claimed in claim 9 or 10, characterized in that the connectors corresponding to the transducers have their wires connected together to culminate at an output contact plug (D1, D2) to carry out a mixing of the signals of the transducers, the contact plug (D1, D2) being capable of being connected to a connector (J1, J2).
- 12. (original) The device as claimed in claim 7, characterized in that it comprises connectors (J2a, J2b) associated with each second transducer (T2a, T2b) and connected in parallel to the terminals of a contact plug (D2) which may interact with a connector (J2).
- 13. (new) The device as claimed in claim 2, with lift system whose two arms (7) may have different angular movements, in particular to oscillate in opposition, in order to allow a transverse following of the surface undulations, characterized in that the responsive means (S) comprises two first transducers (Tla, Tlb), that is to say a first transducer associated with each arm (7) to deliver an electric signal dependent on the angular position of that arm.
- 14. (new) The device as claimed in claim 3, with lift system whose two arms (7) may have different angular movements, in

particular to oscillate in opposition, in order to allow a transverse following of the surface undulations, characterized in that the responsive means (S) comprises two first transducers (Tla, Tlb), that is to say a first transducer associated with each arm (7) to deliver an electric signal dependent on the angular position of that arm.

- 15. (new) The device as claimed in claim 4, with lift system whose two arms (7) may have different angular movements, in particular to oscillate in opposition, in order to allow a transverse following of the surface undulations, characterized in that the responsive means (S) comprises two first transducers (Tla, Tlb), that is to say a first transducer associated with each arm (7) to deliver an electric signal dependent on the angular position of that arm.
- 16. (new) The device as claimed in claim 5, with lift system whose two arms (7) may have different angular movements, in particular to oscillate in opposition, in order to allow a transverse following of the surface undulations, characterized in that the responsive means (S) comprises two first transducers (Tla, Tlb), that is to say a first transducer associated with each arm (7) to deliver an electric signal dependent on the angular position of that arm.

- 17. (new) The device as claimed in claim 2, with lift system comprising an intermediate frame (15) with at the top two lateral coupling points (16a, 16b) and two third point cylinders (111, 211) extending respectively between the two lateral points of the frame and the third point (13) connected to the tractor, characterized in that two second transducers (T2a, T2b) are provided, that is to say a second transducer associated respectively with each third point cylinder (111, 211), to deliver an electric signal dependent on the length of the associated third point cylinder.
- 18. (new) The device as claimed in claim 3, with lift system comprising an intermediate frame (15) with at the top two lateral coupling points (16a, 16b) and two third point cylinders (111, 211) extending respectively between the two lateral points of the frame and the third point (13) connected to the tractor, characterized in that two second transducers (T2a, T2b) are provided, that is to say a second transducer associated respectively with each third point cylinder (111, 211), to deliver an electric signal dependent on the length of the associated third point cylinder.
- 19. (new) The device as claimed in claim 4, with lift system comprising an intermediate frame (15) with at the top two lateral coupling points (16a, 16b) and two third point cylinders

(111, 211) extending respectively between the two lateral points of the frame and the third point (13) connected to the tractor, characterized in that two second transducers (T2a, T2b) are provided, that is to say a second transducer associated respectively with each third point cylinder (111, 211), to deliver an electric signal dependent on the length of the associated third point cylinder.

20. (new) The device as claimed in claim 5, with lift system comprising an intermediate frame (15) with at the top two lateral coupling points (16a, 16b) and two third point cylinders (111, 211) extending respectively between the two lateral points of the frame and the third point (13) connected to the tractor, characterized in that two second transducers (T2a, T2b) are provided, that is to say a second transducer associated respectively with each third point cylinder (111, 211), to deliver an electric signal dependent on the length of the associated third point cylinder.